



SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 18 87 49 15

Classification of the application (IPC):
G02F 1/1335, G02F 1/1343, G02F 1/136, G02F 1/167

Technical fields searched (IPC):
G02F

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X	US 2005140878 A1 (KIM KYEONG J [KR] ET AL)	1
Y	30 June 2005 (2005-06-30)	2-17, 19-26
A	* paragraph [0053] - paragraph [0113]; figures 4-10D *	18
Y	JP 2003279955 A (GIANTPLUS TECHNOLOGY CO LTD)	2-17, 19-26
A	02 October 2003 (2003-10-02) * the whole document *	18
A	US 2007146590 A1 (CHANG WEI-CHIH [TW] ET AL)	1-26
	28 June 2007 (2007-06-28) * the whole document *	

The supplementary search report has been based on the last set of claims valid and available at the start of the search.

Place of search Munich	Date of completion of the search 12 July 2021	Examiner Kiernan, Laurence
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CATEGORY OF CITED DOCUMENTS

X: particularly relevant if taken alone	P: intermediate document
Y: particularly relevant if combined with another document of the same category	T: theory or principle underlying the invention
A: technological background	E: earlier patent document, but published on, or after the filing date
O: non-written disclosure	D: document cited in the application
& : member of the same patent family, corresponding document	L: document cited for other reasons

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ANNEX TO SUPPLEMENTARY EUROPEAN SEARCH REPORT

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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on 12-07-2021
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Patent document cited in search report		Publication date	Patent family member(s)		Publication date
US 2005140878	A1	30-06-2005	KR	20050068877 A	05-07-2005
			US	2005140878 A1	30-06-2005
JP 2003279955	A	02-10-2003	<i>NONE</i>		
US 2007146590	A1	28-06-2007	CN	1991502 A	04-07-2007
			JP	2007179049 A	12-07-2007
			US	2007146590 A1	28-06-2007